



INTERNATIONAL
ACCREDITATION
SERVICE®

CERTIFICATE OF ACCREDITATION

This is to attest that

**INTERNATIONAL AGENCY TRADING ESTABLISHMENT DBA
INTERNATIONAL AGENT GROUP FOR INSPECTION & TESTING SERVICES**

P.O. BOX 30060 - AL KHOBAR 31952
AL KHOBAR, SAUDI ARABIA

Testing Laboratory TL-653

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date March 19, 2024



A handwritten signature in black ink, reading "Raj Nathan".

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

INTERNATIONAL AGENCY TRADING ESTABLISHMENT DBA INTERNATIONAL AGENT GROUP FOR INSPECTION & TESTING SERVICES

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Accredited to ISO/IEC 17025:2017

Effective Date March 19, 2024

CONCRETE TESTING	
ASTM C31	Standard Practice for Making and Curing Concrete Test Specimens in the Field
ASTM C39	Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
ASTM C40	Standard Test Method for Organic Impurities in Fine Aggregates for Concrete
ASTM C42	Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
ASTM C78	Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
ASTM C109	Standard Test Method for Compressive Strength of Hydraulic Cement Mortars (Using 2-in. or [50-mm] Cube Specimens)
ASTM C138	Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
ASTM C143	Standard Test Method for Slump of Hydraulic-Cement Concrete
ASTM C172	Standard Practice for Sampling Freshly Mixed Concrete
ASTM C173	Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
ASTM C174	Standard Test Method for Measuring Thickness of Concrete Elements Using Drilled Concrete Cores
ASTM C192	Standard Practice for Making and Curing Concrete Test Specimens in the Laboratory
ASTM C231	Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method
ASTM C579	Standard Test Methods for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes
ASTM C617	Standard Practice for Capping Cylindrical Concrete Specimens
ASTM C805	Standard Test Method for Rebound Number of Hardened Concrete

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ASTM C1064	Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
ASTM C1107 / C1107M	Standard Specification for Packaged Dry, Hydraulic-Cement Grout (Nonshrink)
ASTM C1231	Standard Practice for Use of Unbonded Caps in Determination of Compressive Strength of Hardened Cylindrical Concrete Specimens
ASTM C1260	Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method)
ASTM C1567	Standard Test Method for Determining the Potential Alkali-Silica Reactivity of Combinations of Cementitious Materials and Aggregate (Accelerated Mortar-Bar Method)
BS 1926	Methods of specifying ready-mixed concrete
BS EN 196-1	Methods of testing cement. Determination of strength
BS EN 12350-1	Testing fresh concrete. Sampling
BS EN12350-2	Testing fresh concrete. Slump-test
BS EN 12350-7	Testing fresh concrete. Air content. Pressure methods
BS EN 12390-3	Testing hardened concrete. Compressive strength of test specimens
BS EN 12504-1	Testing concrete in structures. Cored specimens. Taking, examining and testing in compression
BS EN 12504-2	Standard Test Method for Rebound Number of Hardened Concrete
SOIL/AGGREGATE TESTING	
ASTM C29	Standard Test Method for Bulk Density ("Unit Weight") and Voids in Aggregate
ASTM C88	Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C117	Standard Test Method for Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C127/C128	Standard Test Method for Relative Density (Specific Gravity) and Absorption of Coarse/fine Aggregate
ASTM C131	Standard Test Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C136	Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates
ASTM C142	Standard Test Method for Clay Lumps and Friable Particles in Aggregates
ASTM C702	Standard Practice for Reducing Samples of Aggregate to Testing Size
ASTM D75	Standard Practice for Sampling Aggregates
ASTM D698	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Standard Effort (12 400 ft-lbf/ft ³ (600 kN-m/m ³))

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ASTM D1140	Standard Test Methods for Determining the Amount of Material Finer than 75- μ m (No. 200) Sieve in Soils by Washing
ASTM D1556	Standard Test Method for Density and Unit Weight of Soil in Place by Sand-Cone Method
ASTM D1557	Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft ³ (2,700 kN-m/m ³))
ASTM D1883	Standard Test Method for California Bearing Ratio (CBR) of Laboratory-Compacted Soils
ASTM D2216	Standard Test Methods for Laboratory Determination of Water (Moisture) Content of Soil and Rock by Mass
ASTM D2419	Standard Test Method for Sand Equivalent Value of Soils and Fine Aggregate
ASTM D4253/D4254	Standard Test Methods for Maximum/Minimum Index Density and Unit Weight of Soils Using a Vibratory Table
ASTM D4318	Standard Test Methods for Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM D6913 / D6913M	Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis
ASTM D6938	Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)
BS 1377-2	Methods of test for soils for civil engineering purposes. Classification tests
BS 1377-4	Methods of test for soils for civil engineering purposes. Compaction-related tests
BS 1377-7	Methods of test for soils for civil engineering purposes. Shear strength tests (total stress)
BS 1377-9	Methods for test for soils for civil engineering purposes. In-situ tests
BS EN 1097-2	Tests for mechanical and physical properties of aggregates. Methods for the determination of resistance to fragmentation
BS EN 1097-6	Tests for mechanical and physical properties of aggregates. Determination of particle density and water absorption
BS 13383-1-4.2	Armourstone- Part 1: Specification- Section 4.2- Grading
BS 13383-2	Armourstone- Part 2: Test Methods- Rock Density, Water Absorption
ASPHALT TESTING	
ASTM D979	Standard Practice for Sampling Bituminous Paving Mixtures
ASTM D2041	Standard Test Method for Theoretical Maximum Specific Gravity and Density of Bituminous Paving Mixtures
ASTM D2172	Standard Test Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures

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ASTM D2726	Standard Test Method for Bulk Specific Gravity and Density of Non-Absorptive Compacted Asphalt Mixtures
ASTM D2995	Standard Practice for Estimating Application Rate and Residual Application Rate of Bituminous Distributors
ASTM D3549	Standard Test Method for Thickness or Height of Compacted Asphalt Mixture Specimens
ASTM D5361	Standard Practice for Sampling Compacted Asphalt Mixtures for Laboratory Testing
ASTM D5444	Standard Test Method for Mechanical Size Analysis of Extracted Aggregate
ASTM D6926	Standard Practice for Preparation of Asphalt Mixture Specimens Using Marshall Apparatus
ASTM D6927	Standard Test Method for Marshall Stability and Flow of Asphalt Mixtures
BS EN 12697-5	Bituminous mixtures. Test methods for hot mix asphalt. Determination of the maximum density
BS EN 12697-27	Bituminous mixtures. Test methods. Sampling
BS EN 12697-34	Bituminous mixtures. Test methods for hot mix asphalt. Marshall test
GEOTECHNICAL TESTING	
ASTM D420	Standard Guide for Site Characterization for Engineering Design and Construction Purposes
ASTM D1194	Standard Test Method for Bearing Capacity of Soil for Static Load and Spread Footings
ASTM D1195	Standard Test Method for Repetitive Static Plate Load Tests of Soils and Flexible Pavement Components, for Use in Evaluation and Design of Airport and Highway Pavements
ASTM D1452	Standard Practice for Soil Exploration and Sampling by Auger Borings
ASTM D1586	Standard Test Method for Standard Penetration Test (SPT) and Split-Barrel Sampling of Soils
ASTM D1587	Standard Practice for Thin-Walled Tube Sampling of Fine-Grained Soils for Geotechnical Purposes
ASTM D2113	Standard Practice for Rock Core Drilling and Sampling of Rock for Site Exploration
ASTM D2166	Standard Test Method for Unconfined Compressive Strength of Cohesive Soil
ASTM D2487	Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D2488	Standard Practice for Description and Identification of Soils (Visual-Manual Procedures)
ASTM D2850	Standard Test Method for Unconsolidated-Undrained Triaxial Compression Test on Cohesive Soils

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ASTM D2938	Standard Test Method for Unconfined Compressive Strength of Intact Rock Core Specimens
ASTM D3080	Standard Test Method for Direct Shear Test of Soils Under Consolidated Drained Conditions
ASTM D4220	Standard Practices for Preserving and Transporting Soil Samples
ASTM D4428	Standard Test Methods for Crosshole Seismic Testing
ASTM D4448	Standard Guide for Sampling Ground-Water Monitoring Wells
ASTM D5079	Standard Practices for Preserving and Transporting Rock Core Samples
ASTM D5434	Standard Guide for Field Logging of Subsurface Explorations of Soil and Rock
ASTM D5731	Standard Test Method for Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications
ASTM D5778	Standard Test Method for Electronic Friction Cone and Piezocone Penetration Testing of Soils
ASTM D5783	Standard Guide for Use of Direct Rotary Drilling with Water-Based Drilling Fluid for Geoenvironmental Exploration and the Installation of Subsurface Water-Quality Monitoring Devices
ASTM D6151/6151M	Standard Practice for Using Hollow-Stem Augers for Geotechnical Exploration and Soil Sampling
ASTM D7015	Standard Practices for Obtaining Intact Block (Cubical and Cylindrical) Samples of Soils
ASTM D7181	Standard Test Method for Consolidated Drained Triaxial Compression Test on Cohesive Soils
ASTM G57	Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method
IEEE-81	Guide for measuring earth resistivity, ground impedance, and earth surface potentials of a ground system